

1. A method of evaluating the effectiveness of a composition, the method comprising:

administering to an animal (i) a composition that inhibits JTT-1 antigen activity, and (ii) an amount of a
5 substance that is effective to induce experimental allergic encephalomyelitis in animals to which the composition is not administered; and

determining whether the composition is effective in treating or preventing experimental allergic
10 encephalomyelitis in the animal.

2. The method of claim 1, wherein the composition is a low molecular weight compound.

15 3. The method of claim 1, wherein the composition is an antisense substance.

4. The method of claim 1, wherein the composition is a polypeptide.

20

5. The method of claim 1, wherein the composition is an antibody that binds to the JTT-1 antigen.

25 6. The method of claim 5, wherein the antibody is monoclonal.

7. The method of claim 5, wherein the antibody is polyclonal.

30 8. The method of claim 5, wherein the antibody binds to the extracellular region of the polypeptide.

9. The method of claim 6, wherein the antibody binds to the extracellular region of the polypeptide.

10. The method of claim 1, wherein the animal is a
5 rat.

11. The method of claim 1, wherein the method comprises determining whether the composition prevents or reduces paralysis in the animal.
10

12. The method of claim 5, wherein the method comprises determining whether the composition prevents or reduces paralysis in the animal.

13. The method of claim 6, wherein the method comprises determining whether the composition prevents or reduces paralysis in the animal.
15

14. The method of claim 9, wherein the method comprises determining whether the composition prevents or reduces paralysis in the animal.
20